Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	Complete if Known	
	Application Number	10/073,772
	Filing Date	February 11, 2002
	First Named Inventor	Haitsma, Jaap
	Group Art Unit	2135
Sheet 1 of 6	**Examiner Name**	Klimach, Paula
	Attorney Docket No: 2167.004US1	

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
PK	US-5,113,383	05/12/1992	Amemiya, Naomi, et al.	02/13/1990
	US-5,132,949	07/21/1992	Choi, Syung-Iyul	01/18/1991
	US-5,157,614	10/20/1992	Kashiwazaki, Takashi, et al.	10/30/1990
	US-5,157,646	10/20/1992	Amemiya, Naomi, et al.	10/28/1991
	US-5,263,010	11/16/1993	Amemiya, Naomi, et al.	11/16/1992
	US-5,341,350	08/23/1994	Frank, Armin, et al.	07/04/1991
	US-5,721,827	02/24/1998	Logan, James , et al.	10/02/1996
	US-5,774,666	06/30/1998	Portuesi, Michael J.	10/18/1996
	US-5,778,181	07/07/1998	Hidary, Jack D., et al.	03/14/1996
	US-5,778,187	07/07/1998	Monteiro, Antonio M., et al.	05/09/1996
	US-5,782,692	07/21/1998	Stelovsky, Jan	03/22/1997
	US-5,796,393	08/18/1998	MacNaughton, Bruce A., et al.	11/08/1996
	US-5,796,952	08/18/1998	Davis, Owen, et al.	03/21/1997
	US-5,809,250	09/15/1998	Kisor, Gregory H.	10/23/1996
	US-5,809,512	09/15/1998	Kato, Masao	07/23/1996
	US-5,915,288	06/22/1999	Gabriel, Joshua	02/19/1998
	US-5,953,005	09/14/1999	Liu, J. C.	06/28/1996
	US-5,987,525	11/16/1999	Roberts, Dale T., et al.	04/15/1997
	US-6,154,773	11/28/2000	Roberts, Dale T., et al.	04/15/1998

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T²

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No [1]	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PK		IEC standard 62106:2000, Specification of the radio data system (RDS), Retrieved 3/9/2007	
		PURL Frequently Asked Questions, http://purl.oclc.org/docs/purl_faq.html,(Mar. 20, 1996), 19 sheets	
		PROPOSAL NO: 96-1 - Changes to Field 856 (Electronic Location and Access) in the USMARC Formats, http://www.loc.gov/marc/marbi/1996/96-01.html, SOURCE: Library of Congress,(Dec. 1, 1995)	
		Bookwhere for Windows v.1.1 - README, Sea Change Corporation,(1995)	
		GeoPac Management Guide, Release 1.25, Geac Computer Corporation Limited,(Dec., 1994)	

REVIEWED
By Paula Klimach at 8:23 am, Apr 20, 2007
DATE CONSIDERED

EXAMINER

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	Complete if Known	
	Application Number	10/073,772
	Filing Date	February 11, 2002
	First Named Inventor	Haitsma, Jaap
	Group Art Unit	2135
	Examiner Name	Klimach, Paula
Sheet 2 of 6	**Attorney Docket No: 2167.004US1**	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No¹	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PK		Internet Protocol: Darpa Internet Program Protocol Specification, Prepared for Defense Advanced Research Projeccts Agency by Information Sciences Institute,(Sept., 1981),1-45	
		BookWhere for Windows, Help Topics for BookWhere,(No date listed)	
		BookWhere for Windows v. 2.1 - README, Sea Change Corporation,(1996)	
		BookWhere for Windows User Guide, Software Version 2.0 - Manual Version 2.0.4, Sea Change Corporation,(Sept. 11, 1996),1-36	
		Workman Changes, Release 1.3, (1994)	
		XKeysymDB 6.1, (Feb. 20, 1995)	
		Information Retrieval (Z39.50): Application Service Definition and Protocol Specification, ANSI/NISO Z39.50 1995,(July, 1995),163 pgs	
		Online Systems: Sound Recordings Format, OCLC Online Computer Library Center, Dublin Ohio,(1986),1-318	
		PROPOSAL NO. 95-1 - Changes to Field 856 (Electronic Location and Access) in the USMARC Bibliographic Format, http://www.loc.gov/marc/marbi/1995/95-01.html, SOURCE: Library of Congress; Federal Geographic Data Committee,(Dec. 2, 1994),13 sheets	
		PROPOSAL NO. 95-8 - Define Field 856 (Electronic Location and Access) in the USMARC Classification Format, http://www.loc.gov/marc/marbi/1995/95-08.html, SOURCE: Library of Congress,(May 5, 1995),1-2	
		"CD Red Book Standard", IEC 60908 Ed. 2.0, Sony/Philips,(1999),209 pgs	
		"CD-I has a tough road to hoe", http://www.caruso.com/Digital_Media/DM91-07.txt, (No date listed)	
		"CNET: The Computer Network Unveils Revolutionary Internet Advertising Tools that Allow Custom Banner Ad Delivery Based on Demographic Information", http://www.cnet.com/html/aboutcnet/press/1994_95/120695.html, Press Releases,(Dec. 6, 1995)	
		"Information and documentation - International Standard Recording Code (ISRC)", ISO 3901, (2001)	
		"Information technology -- Multimedia content description interface -- Part 4: Audio.", INCITS/ISO/IEC 15938-4-2002, (2002),1-114	
		"Introduction to Multimedia Services", Microsoft Win32 Programmer's Reference, Volume 2, Redmond, Wash. : Microsoft Press,(1993),517-672	
		"Multimedia databases and information systems", Proceedings of the Second ACM International Conference on Multimedia, (1994),67	
		"Sirius Satellite Radio", http://www.sirius.com, (Accessed 4/18/06)	
		"XM Radio", http://www.xm-radio.com/, (Accessed 4/18/06)	
		AKSCYN, ROBERT M., et al., "Design of hypermedia script languages: the KMS experience", Proceedings of the Fifth ACM Conference on Hypertext, (1993),268-269	

REVIEWED
By Paula Klimach at 8:23 am, Apr 20, 2007

EXAMINER

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	Complete if Known	
	Application Number	10/073,772
	Filing Date	February 11, 2002
	First Named Inventor	Haitsma, Jaap
	Group Art Unit	2135
	Examiner Name	Klimach, Paula
Sheet 3 of 6	Attorney Docket No: 2167.004US1	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
PK		ALLAMANCHE, E, et al., "Content-Based Identification of Audio Material Using MPEG-7 Low Level Description", Proceedings of the International Symposium of Music Information Retrieval, (2001)	
		BAUGHER, MARK, et al., "A multimedia client to the IBM LAN server", Proceedings of the first ACM International Conference on Multimedia, (1993),105-112	
		BEADLE, H P., et al., "Location aware mobile computing", Proceedings of the IEEE/IEE International Conference on Telecommunications, (1997),1319-1324	
		BERNERS-LEE, T., et al., Hypertext Transfer Protocol - HTTP 1.0, Network Working Group,(May 1996), 1-60	
		CANO, P, et al., "A review of algorithms for audio fingerprinting", Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing, Virgin Islands, USA, (2002)	
		CANO, PEDRO, et al., "Robust Sound Modeling for Song Detection in Broadcast Audio", Audio Engineering Society, 112th Convention, Munich, Germany, (May 2002),1-7	
		CHEN, QIN-SHENG, et al., "Symmetric Phas-Only Matched Filtering of Fourier-Mellin Transforms for Image Registration and Recognition", IEEE Transactions on Pattern Analysis and Machine Intelligence, 16 No. 12, New York, (December 1994),1156-1168	
		CHUA, T. S., et al., "Content-based retrieval of segmented images", Proceedings of the Second ACM International Conference on Multimedia, (1994),211-218	
		COMER, DOUGLAS E., et al., Internetworking with TCP/IP, Volume 2, Design, implementation, and internals, ANSI C Version, 3rd Edition, Upper Saddle River, NJ: Prentice Hall,(1999),1-660	
		COMER, DOUGLAS E., et al., Internetworking with TCP/IP, Volume 3, Client-server programming and applications, BSD Socket Version, Upper Saddle River, NJ: Prentice Hall,(1993),1-498	
		COMER, DOUGLAS, et al., "Chapter 4 - Internet Addresses & Chapter 5 - Mapping Internet Addresses to Physical Addresses (ARP)", Internetworking with TCP/IP, Volume 1, Upper Saddle River, N.J. : Prentice Hall,(1995),59-88, 588	
		COURTIAT, J. P., et al., "Towards a new multimedia synchronization mechanism and its formal definition", Proceedings of the Second ACM International Conference on Multimedia, (1994),133-140	
		DEEP, JOHN, et al., Developing CGI applications with Perl, New York : Wiley Computer Pub.,(1996),72-77	
		EDDINGS, JOSHUA, How the Internet Works, Emeryville, Calif. : Ziff-Davis Press,(1994)	

> **REVIEWED**
> *By Paula Klimach at 8:24 am, Apr 20, 2007*

EXAMINER   **DATE CONSIDERED**

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE** **STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	Complete if Known	
	Application Number	10/073,772
	Filing Date	February 11, 2002
	First Named Inventor	Haitsma, Jaap
	Group Art Unit	2135
	Examiner Name	Klimach, Paula
Sheet 4 of 6	**Attorney Docket No: 2167.004US1**	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PK		FLETCHER, PETER A., et al., "Direct Embedding and Detection of RST Invariant Watermarks", F.A.P. Petitcolas (Ed.): IH 2002, LNCS 2578 Springer-Verlag Berlin Heidelberg, (2003),129-144	
		GHANDEHARIZADEH, S., et al., "On multimedia repositories, personal computers, and hierarchical storage systems", Proceedings of the Second ACM International Conference on Multimedia, (1994),407-416	
		GRAHAM, IAN S., The HTML Sourcebook, John Wiley & Sons,(1995)	
		HAITSMA, J., et al., "A Highly Robust Audio Fingerprinting System", ISMIR 2002 - 3rd International Conference on Music Information Retrieval, http://ismir2002.ismir.net/proceedings/02-fp04-2.pdf,(Oct. 17, 2002),1-9	
		HAITSMA, JAAP, "Robust Audio Hashing for Content Identification", Philips Research, 8 pages	
		HERTZFELD, ANDY, "User interface and artistic values", http://hci.stanford.edu/cs547/abstracts/91-92/920415-hertzfeld.html, Stanford University Program in Human-Computer Interaction,(Apr. 15, 1992),	
		HIRATA, K., et al., "Media-based navigation for hypermedia systems", Proceedings of the Fifth ACM Conference on Hypertext, (1993),159-173	
		KAN, TI, XMCD Unix CD Player, (Mar. 21, 1996),	
		KAN, TI, XMCD Version 2.0 patchlevel 0, BSD News Article 64976,(Apr. 3, 1996)	
		KURTH, FRANK, et al., "Full-Text Indexing of Very Large Audio Data Bases", Audio Engineering Society Convention Paper, 110th Convention, Amsterdam, (May 2001),1-11	
		LENK, JOHN D., Lenk's laser handbook : featuring CD, CDV, and CD-ROM technology, New York : McGraw-Hill,(1992),2.1-2.12	
		LEWIS, P. H., et al., "Content based navigation in multimedia information systems", Proceedings of the Fourth ACM International Conference on Multimedia, (1997),415-416	
		LEWIS, PAUL H., et al., "Media-based Navigation with Generic Links", Proceedings of the the Seventh ACM Conference on Hypertext, (1996),215-223	
		LI, L., et al., "MPEG-2 coded- and uncoded-stream synchronization control for real-time multimedia transmission and presentation over B-ISDN", Proceedings of the Second ACM International Conference on Multimedia, (1994),239-246	
		LIENHART, R., "Automatic text recognition for video indexing", Proceedings of the Fourth ACM International Conference on Multimedia, (1997),11-20	
		LIN, CHING-YUNG, et al., "Rotation, Scale, and Translation Resilient Watermarking for Images", IEEE Transactions on Image Processing, Vol. 10, No. 5, (May 2001),767-782	
		LITTLE, T. D., et al., "A digital on-demand video service supporting content-based queries", Proceedings of the First ACM International Conference on Multimedia, (1993),1-9	

EXAMINER _____ DATE CONSIDERED _____

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	*Complete if Known*	
	Application Number	10/073,772
	Filing Date	February 11, 2002
	First Named Inventor	Haitsma, Jaap
	Group Art Unit	2135
	Examiner Name	Klimach, Paula
Sheet 5 of 6	**Attorney Docket No: 2167.004US1**	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PK		MASCHA, M., et al., "Interactive education: Transitioning CD-ROMs to the Web", Computer Networks and ISDN Systems, 27(2), (Nov., 1994),267-272	
		MAYER-PATEL, KETAN, et al., "Synchronized continuous media playback through the World Wide Web", Proceedings of the Fourth ACM International Conference on Multimedia, (1997),435-436	
		NEUSCHMIED, HELMUT, et al., "Content-based Identification of Audio Titles on the Internet", Proceedings of the First International Conference on WEB Delivering of Music, (2001),5 pages	
		NILSSON, M., "ID3 tag version 2.3.0", http://www.id3.org/id3v2.3.0.txt, (Feb. 3, 1999)	
		OIKARINEN, J., et al., "Internet Relay Chat Protocol", RFC 1459, Network Working Group, (May, 1993)	
		OOSTVEEN, JOB, et al., "Feature Extraction and a Database Strategy for Video Fingerprinting", VISUAL 2002, LNCS 2214 Copyright Springer-Verlag Berlin Heidelberg, (2002),117-128	
		OOSTVEEN, JOB, "Visual Hashing of Digital Video: Applications and Techniques", 11 pages	
		PEREIRA, SHELBY, "Template Based Recovery of Fourier-Based Watermarks Using Log-Polar and Log-log Maps", IEEE Int. Conf on Multimedia Computing and Systems, Florence, Italy, (June 1999),1-5	
		PFITZINGER, H R., "The collection of spoken language resources in car environments", ICLRE, vol 2, (1998),1097-1100	
		PRABHAKARAN, B., et al., "Synchronization models for multimedia presentation with user participation", Proceedings of the First ACM International Conference on Multimedia, (1993),12 pgs	
		QAZI, NAVEED U., et al., "A synchronization and communication model for distributed multimedia objects", Proceedings of the First ACM International Conference on Multimedia, (1993),9 pgs	
		RHOADS, GEOFFREY B., et al., "Managing on-line media library through links in media signals", Provisional application serial number 60/178,028	
		ROSCHEISEN, M., et al., "Beyond browsing: shared comments, SOAPs, trails, and on-line communities", Computer Networks and ISDN Systems, 27(6), (Apr., 1995),739-749	
		ROWAN, CLEM W., et al., "When car radios were illegal: A history of early American and European car radios", Society of Automotive Engineers Technical Paper Series, (1985),1-20	
		SCHERF, STEVE, cddbd - CD Database Protocol Server, Moondog Software Productions,(1996),48 sheets	
		SCHNEIER, B., Applied Cryptography, John Wiley & Sons, New York,(1996),372-379	

REVIEWED

By Paula Klimach at 8:25 am, Apr 20, 2007

EXAMINER

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ₁ Applicant's unique citation designation number (optional) ₂ Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE** **STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	Complete if Known	
	Application Number	10/073,772
	Filing Date	February 11, 2002
	First Named Inventor	Haitsma, Jaap
	Group Art Unit	2135
	Examiner Name	Klimach, Paula
Sheet 6 of 6	Attorney Docket No: 2167.004US1	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PK		SHAFER, KEITH, et al., "Introduction to Persistent Uniform Resource Locators", http://purl.oclc.org/docs/inet96.html, OCLC Online Computer Library Center, Inc.,(1996)	
		SHIBATA, Y., et al., "Dynamic hypertext and knowledge agent systems for multimedia information networks", Proceedings of the Fifth ACM Conference on Hypertext, (1993),82-93	
		SMITH, BRIAN C., et al., "The Berkeley continuous media toolkit", Proceedings of the Fourth ACM International Conference on Multimedia, (1997),451-452	
		THIMBLEBY, H., et al., "Ethics and Consumer Electronics", Proceedings of the 4th ETHICOMP International Conference on the Social and Ethical Impacts of Information and Communication Technologies, (1999),9 sheets	
		TIBBETTS, MARGERY, September 1995 ZIG Meeting Minutes, ftp://lcweb.loc.gov/pub/z3950/minutes/9509.txt,(Sept. 25, 1995)	
		TOMPA, F. W., et al., "Hypertext by link-resolving components", Proceedings of the Fifth ACM Conference on Hypertext, (1993),118-130	
		TROLL, DENISE, Z39.50 Implementors Group Meeting Minutes, ftp://lcweb.loc.gov/pub/z3950/minutes/9504.txt,(Apr. 25, 1995)	
		WEITZMAN, L., et al., "Automatic presentation of multimedia documents using relational grammars", Proceedings of the Second ACM International Conference on Multimedia, (1994),443-451	
		WELSH, MATT, et al., "Querying Large Collections of Music for Similarity", Research sponsored by Advanced Research Projects Agency under grant DABT63-98-C-0038, and equipment grant from Intel Corp.,13 pages	
		ZHANG, HONGJIANG, et al., "Video Parsing, Retrieval and Browsing: An Integrated and Content-Based Solution", ACM Multimedia 95 - Electronic Proceedings, San Francisco, California,(Nov. 5-9, 1995)	

REVIEWED

By Paula Klimach at 8:26 am, Apr 20, 2007

EXAMINER _____

DATE CONSIDERED